

**U.S. Pat. Appl. Ser. No. 10/540,419
Attorney Docket No. 10191/3932
Reply to Final Office Action of March 2, 2010**

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-15. (Canceled).

16. (Previously Presented) The method of claim 24, the location-related information being offered on an Internet portal of a service provider in return for payment.

17. (Previously Presented) The method of claim 24, further comprising:
selecting a link to an Internet page of an information provider to reach the Internet page of a service provider having the location-related information; and
providing payment by the information provider to the service provider for the download of the location-related information.

18. (Previously Presented) The method of claim 17, the payment amount being calculated as a function of a data set of the location-related information.

19. (Previously Presented) The method of claim 24, the provision of the location-related information on the Internet page being financed at least partially by advertising.

20. (Previously Presented) The method of claim 24, wherein for an encoding of objects in a traffic route network, the object to be encoded being provided with at least one coordinate chain which at least partially lies on traffic routes which are also included in the receiver's database, and which includes characteristic properties of parts of the traffic route network.

21. (Previously Presented) The method of claim 20, wherein for a decoding, the coordinate chain of an encoded object is compared to the receiver's database, the at least one coordinate chain is assigned to the similar part of the traffic route network if similarities are present, and the non-assigned parts of the at least one coordinate chain are connected to the traffic routes of the receiver's database according to the geometric position of the assigned part.

22-23. (Canceled).

U.S. Pat. Appl. Ser. No. 10/540,419
Attorney Docket No. 10191/3932
Reply to Final Office Action of March 2, 2010

24. (Currently Amended) A method for transmitting location-related information from a transmitter to a receiver, the method comprising:

~~including the location-related information in a digital map of the receiver; and~~

~~downloading the location-related information onto the receiver from an Internet page, the location-related information including a linear object formed by at least one line segment;~~

~~dividing the linear object into a first set of equidistant coordinate points, wherein a traffic route network stored within a digital map of the receiver is divided into a second set of equidistant coordinate points;~~

~~for at least one point within the first set of points and for a plurality of potential displacement values, calculating the total number of points in the second set of points that lie within a predetermined radius of the at least one point after the linear object has been shifted according to each displacement value;~~

~~selecting the displacement value corresponding to the greatest of the calculated totals; matching a portion of the traffic route network to the linear object by decoding the linear object in accordance with the selected displacement value; and~~

~~updating the digital map with the decoded linear object~~

~~wherein:~~

~~the location-related information is made up of linear objects;~~

~~for decoding, a point set of equidistant points of the linear object and of objects of a traffic route network is formed; and~~

~~for a plurality of relative positions of the point sets in relation to each other, the number of points which lie within a predetermined spacing of at least one point of the other point set is determined for one of the point sets, and the object to be decoded is decoded in the relative position in which the number is greatest by outputting the part of the traffic route network then correlated with the object.~~

25. (Previously Presented) The method of claim 24, wherein a data packet to be transmitted separately includes both location information and descriptive information, and the data packet has assignment information for assigning at least one part of the location information to at least one part of the descriptive information.

26. (Currently Amended) A navigation device comprising:

a digital road map; and

U.S. Pat. Appl. Ser. No. 10/540,419
Attorney Docket No. 10191/3932
Reply to Final Office Action of March 2, 2010

a receiving arrangement to receive location-related information which can be downloaded from an Internet page and included in the digital road map, the navigation device being configured to perform the following: [[:]]

download the location-related information onto the receiving arrangement from an Internet page, the location-related information including a linear object formed by at least one line segment;

divide the linear object into a first set of equidistant coordinate points, wherein a traffic route network stored within the digital road map is divided into a second set of equidistant coordinate points;

for at least one point within the first set of points and for a plurality of potential displacement values, calculate the total number of points in the second set of points that lie within a predetermined radius of the at least one point after the linear object has been shifted according to each displacement value;

select the displacement value corresponding to the greatest of the calculated totals;

match a portion of the traffic route network to the linear object by decoding the linear object in accordance with the selected displacement value; and

update the digital road map with the decoded linear object
wherein:

the location related information is made up of linear objects;

for decoding, a point set of equidistant points of the linear object and of objects of a traffic route network is formed; and

for a plurality of relative positions of the point sets in relation to each other, the number of points which lie within a predetermined spacing of at least one point of the other point set is determined for one of the point sets, and the object to be decoded is decoded in the relative position in which the number is greatest by outputting the part of the traffic route network then correlated with the object.

27. (Previously Presented) The navigation device of claim 26, wherein reception occurs via a connection to a device having an Internet connection.

28. (Previously Presented) The navigation device of claim 26, wherein the location-related information is read in from a transportable storage medium.

**U.S. Pat. Appl. Ser. No. 10/540,419
Attorney Docket No. 10191/3932
Reply to Final Office Action of March 2, 2010**

29-33. (Canceled).

34. (Previously Presented) The navigation device of claim 26, wherein the location-related information is received in a data packet that separately includes both location information and descriptive information, and that has assignment information for assigning at least one part of the location information to at least one part of the descriptive information.

35. (Previously Presented) The navigation device of claim 34, wherein reception occurs via a connection to a device having an Internet connection.